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## Flash Research Assignment #2

In this day in age it is vital to a company to be able to be globally connected. Being connected makes it possible for everyone to share the same data, even share printers, phones lines, and all information. To make this possible, the company needs to invest in a Wide Area Storage Area Network. Considering the internet is a wide area network, it would make sense to expand this company globally and develop interconnected communication.

A storage area network is a high speed sub-network of shared storage devices. They function by allowing all data and information to be shared amongst a network. These SANs are implemented by using Fibre channel to support fast data rates and connects the points of devices creating a path to use the entire bandwidth for the duration of the communication. In regards to Wide Area Storage Area Network, it is a communications network that can be connected through states, even countries, sharing information and databases throughout a country. This allows the storage devices to exist on their own but to all have the ability to communicate directly with each other all over the world. This is necessary for a business wishing to be large scale or global.

This company needs to centralize their data and the only way to do this efficiently is to move the business into a Wide Area Storage Area Network. It does not make sense to have a company that cannot communicate efficiently with all their offices around the world. Some offices or employees may be looking at outdated data and not even realize it because they are not looking at the same information because their systems are only connected on a Local Area Network rather than Wide Area. This system also allows for messages to be sent within the company at a fast rate by all being interconnected. The implementation of this system is rather inexpensive as it moves through public networks such as telephone lines or leased lines, rather than radio waves intra office. It is crucial for the company, in order to succeed through expansion and becoming more efficient, to have a Wide Area Network Storage Area Network.

1. Tatum, Malcolm, and Bronwyn Harris. "What Is A Wide Area Network?" *WiseGeek*. Conjecture, 21 Aug. 2012. Web. 18 Sept. 2012. <<http://www.wisegeek.com/what-is-a-wide-area-network.htm>>.

2. Rinnell, Pushan, and Dave Russell. "Hype Cycle for Storage Technologies, 2012." *Gartner's Hype Cycle Special Report for 2012*. Gartner, 05 July 2012. Web. 18 Sept. 2012.  
<<http://my.gartner.com/portal/server.pt?open=512>>.
3. "Storage Area Network (SAN)." *Dell*. Dell, n.d. Web. 18 Sept. 2012.  
<<http://content.dell.com/us/en/enterprise/storage-solutions-san>>.